

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

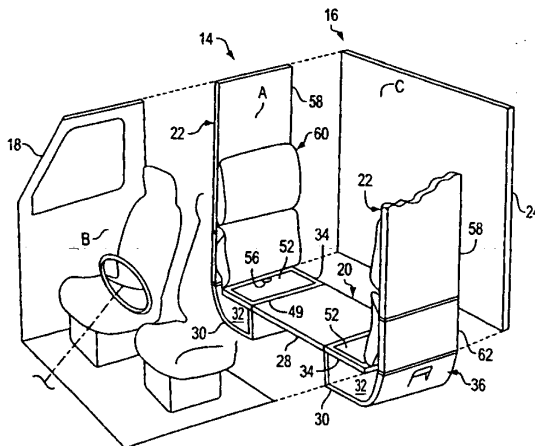
(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
3 May 2001 (03.05.2001)

PCT

(10) International Publication Number
WO 01/30639 A1

- (51) International Patent Classification⁷: **B62D 35/00**
- (21) International Application Number: PCT/US00/28817
- (22) International Filing Date: 19 October 2000 (19.10.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/160,889 22 October 1999 (22.10.1999) US
- (71) Applicant (for all designated States except US): **MACK TRUCKS, INC.** [US/US]; 2402 Lehigh Parkway South, P.O. Box 1907, Allentown, PA 18105-1907 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **MILENOVICH, Milen** [CA/US]; 525 Mixsell Street, Easton, PA 18042 (US).
- (74) Agents: **REPPER, George, R.** et al.; Rothwell, Figg, Ernst & Manbeck, P.C., 555 13th Street, N.W., Suite 701-E, Washington, DC 20004 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— With international search report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MODULAR SLEEPING COMPARTMENT FOR TRUCKS



(57) **Abstract:** A sleeping compartment (10) for a truck is made up of a plurality of pre-assembled sections or modules including a first type (14, 14', 14'') having one or more seats and a second type (16, 86, 86', 86'') having a bed. In accordance with one aspect of the invention, a seat (60) is mounted on a sidewall (22, 22', 22'') of the first type of module and includes a seat bottom (66) moveable from a substantially vertical stowed position against the side wall and a substantially horizontal deployed position. A seat support (34) mounted on the floor (20) is moveable from a stowed position substantially flush with the floor of the first type of module to a deployed position protruding upwardly from the floor to support the seat bottom in the deployed position. The seat support is preferably a door panel covering a storage space (32) beneath the floor which is accessible from outside the sleeping compartment. In accordance with another aspect of the invention, the bed (96, 96') in the second type of module is moveable between a stowed position with its sleeping surface vertically oriented and an extended position with its sleeping surface horizontally oriented. The second type of module can also include a table (98) deployable from a bottom surface of the bed and one or more cabinets (94, 94', 104, 106).